

Attachment To House: Attach the deck rim joist to the existing house exterior wall as shown in **FIGURE 23**. The wall must be sheathed with a minimum $\frac{3}{8}$ " structural panel sheathing. Use lag screws or thru-bolts when fastening to an existing band board or wall stud; use expansion anchors or epoxy anchors when fastening to concrete or masonry. **DO NOT ATTACH TO BRICK VENEERS. YOU MUST VERIFY THIS CONDITION IN THE FIELD PRIOR TO UTILIZING THIS METHOD.** Fasteners shall be 16" on center and staggered in 2 rows. Flashing over the rim joist is required and must be installed in accordance with the flashing provisions on Sheet 7.

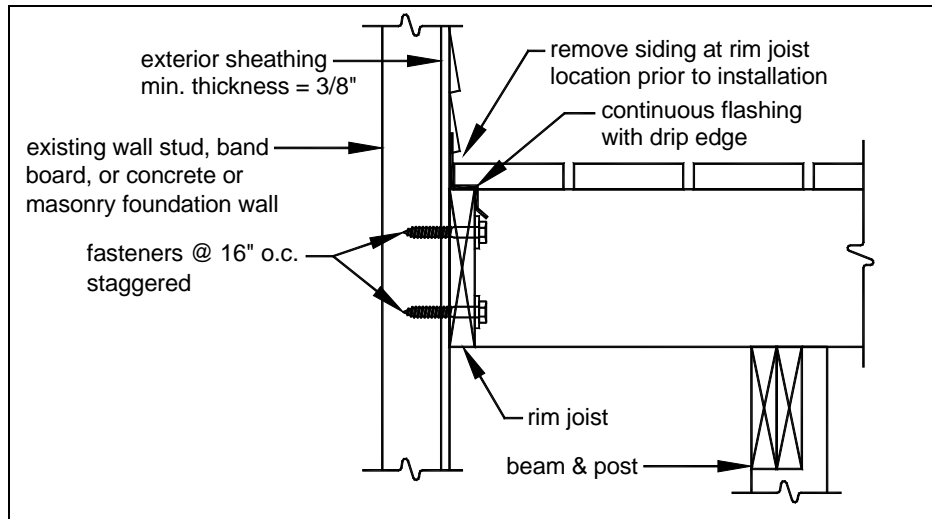


FIGURE 23: ATTACHMENT TO HOUSE LATERAL SUPPORT

GUARD REQUIREMENTS

All decks greater than 30" above grade are required to have a guard. If you are providing a guard when one is not required, it must meet these requirements. All guards shall be constructed in strict conformance with details herein; any deviations require a plan submission.

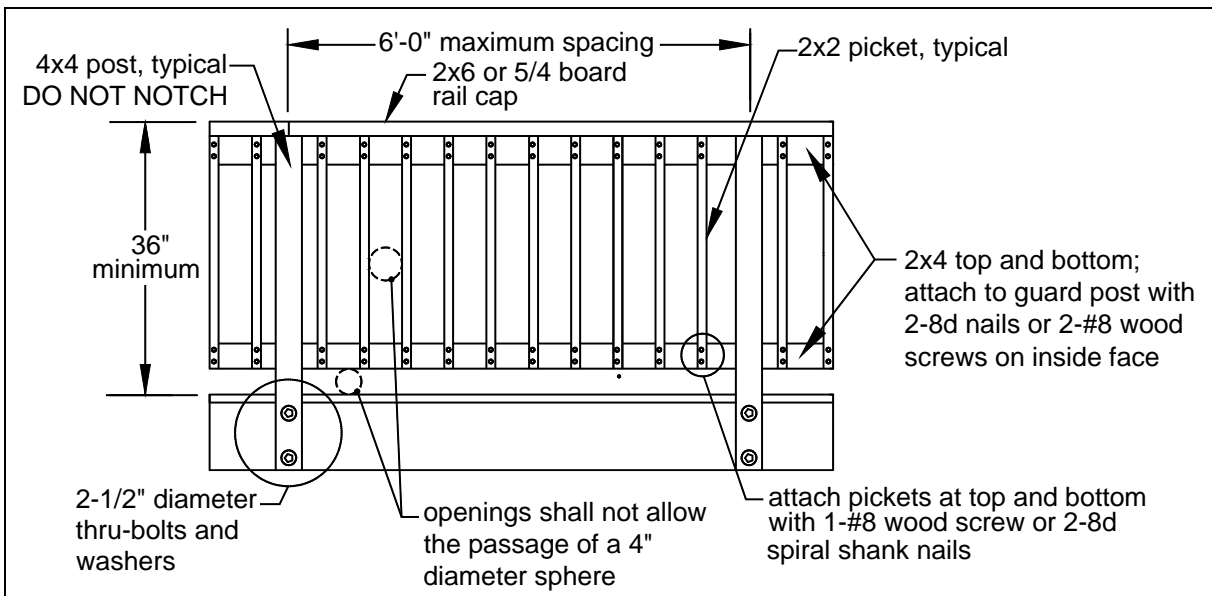


FIGURE 24: TYPICAL GUARD DETAIL

Any pre-fabricated wood, plastic, composite or manufactured guard system purchased from a home center store, lumber company or similar will also require a plan submission.

ONLY THOSE PLASTIC, COMPOSITE OR MANUFACTURED GUARD SYSTEMS LISTED BY AN ACCREDITED TESTING AGENCY ARE APPROVED FOR USE IN FAIRFAX COUNTY. For a complete list of approved systems, go to the website below.

www.fairfaxcounty.gov/dpwes/construction/str_plastics.htm



**Fairfax County
VIRGINIA**

Typical Deck Details

Based on the 2003 Virginia Uniform
Statewide Building Code

www.fairfaxcounty.gov/decks

Version: 2003.1, revised: 11/8/05

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